

**In the specification**

**Please amend paragraph 1 and paragraph 2 of page 19 as follows:**

The analysis of the levels of kynurenines in the brain was performed in the same animal models of genetic epilepsy as in Examples 1 and 2 above, i.e., in seizure-native EP rats and rats with spontaneous non-convulsive absence seizures (GAERs), in comparison with control ER rats. In addition, the level of brain kynurenines was determined in EP rats chronically treated with phenytoin } and in GAERs treated by specific AED Ets under different treatment protocol (as in Examples 3 above). The Experimental method was as follows.

The animals were sacrificed at the age of 2.5 months. Brain tissue was dissected on a cold plate. The samples of the cortex, brain stem, midbrain and cerebellum were collected and immediately frozen for storage  $-80^{\circ}\text{C}$ . The homogenized brain samples were prepared for HPLC detection and analyzed as previously described. The results are shown in Table 2, Figure 4, Table 3, and Figure 5.